

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085208.D
 Acq On : 4 Mar 2016 17:50
 Operator : SJ/IZ
 Sample : PB88700BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88700BL

Quant Time: Mar 04 22:28:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173859	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	668050	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	328701	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	619644	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	430566	20.00	ng	-0.02
86) Perylene-d12	15.60	264	310050	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1186046	114.43	ng	0.00
7) Phenol-d6	6.60	99	1425167	104.95	ng	-0.01
23) Nitrobenzene-d5	7.53	82	936985	75.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	333499	118.57	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1523394	70.48	ng	-0.02
78) Terphenyl-d14	13.09	244	1525354	82.24	ng	0.00

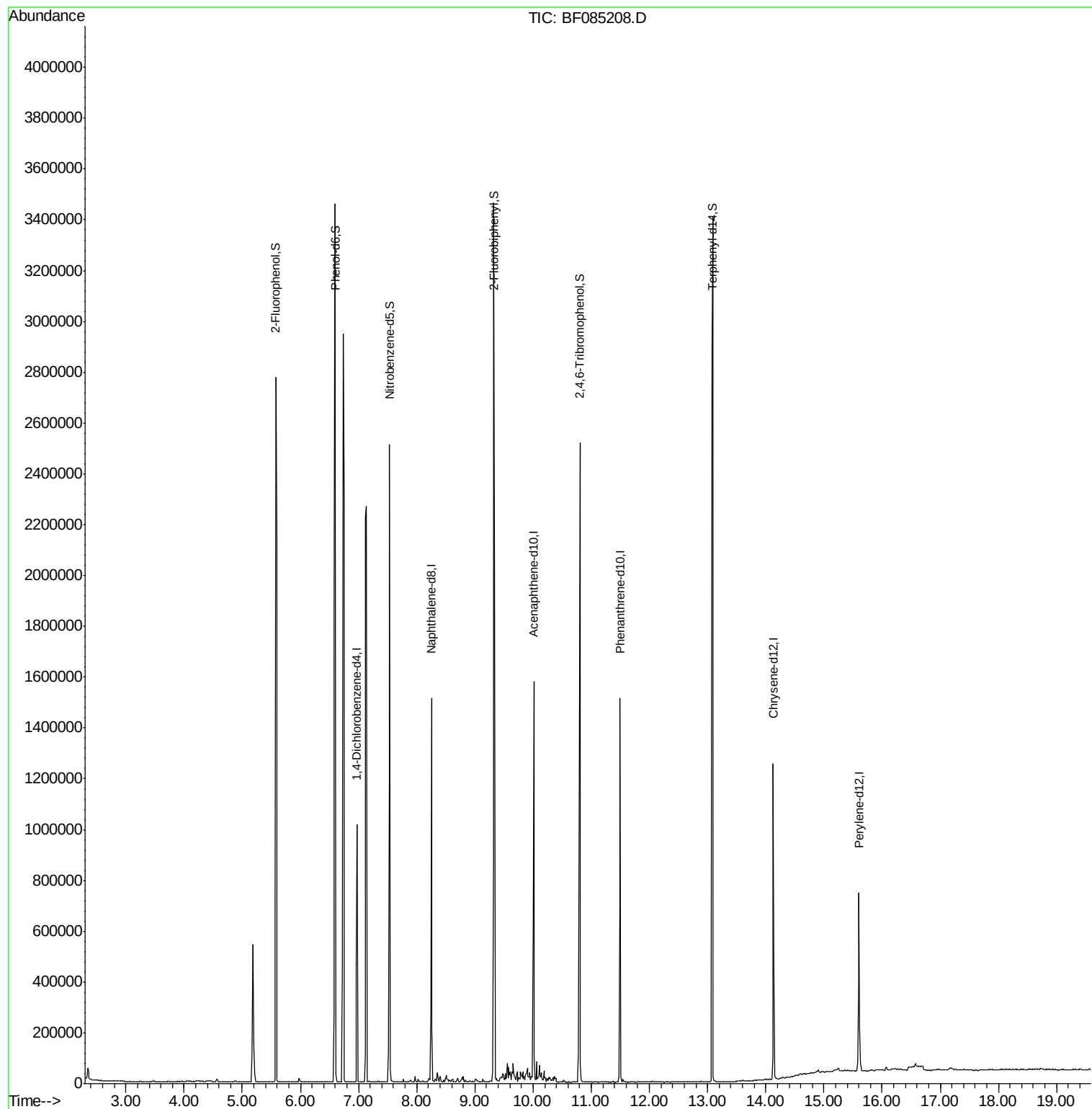
Target Compounds Qvalue

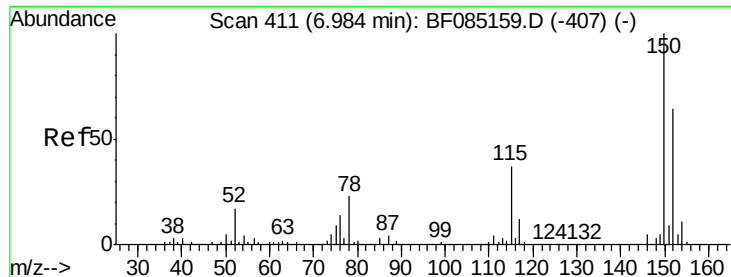
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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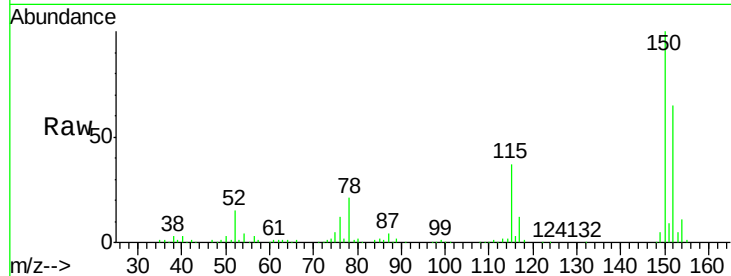


#1

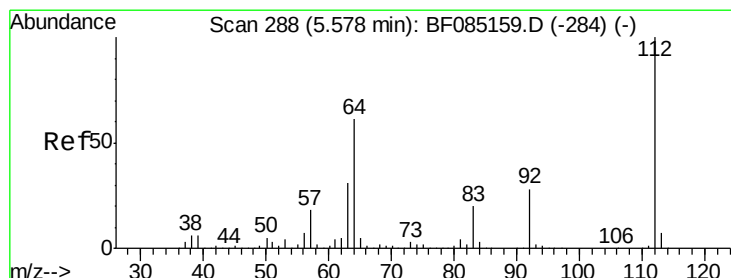
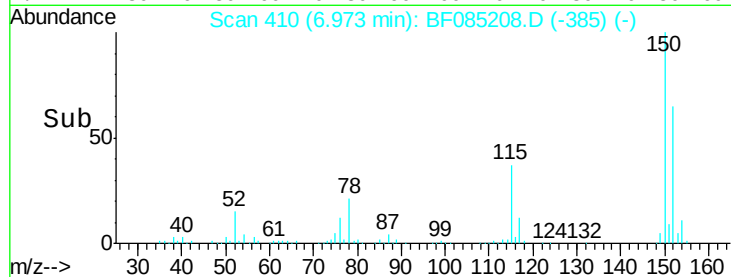
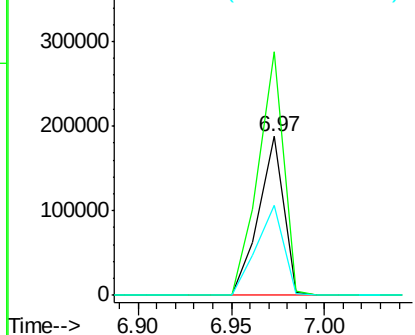
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Instrument :
BNA_F
ClientSampleId :
PB88700BL

Tot Ion:152 Resp: 173859
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.7 46.6 70.0



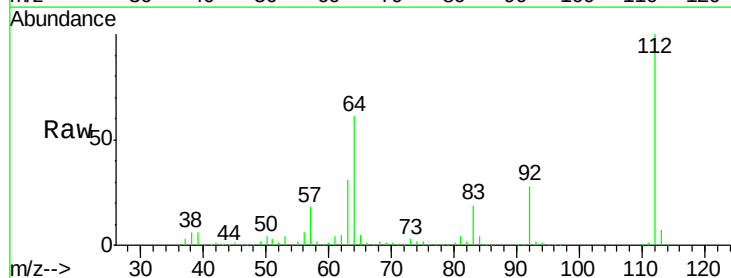
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



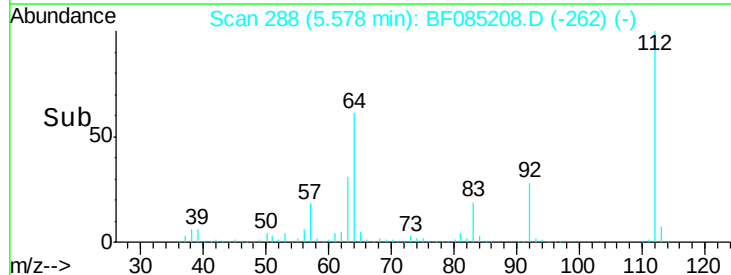
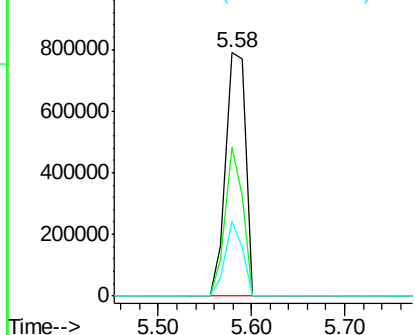
#5

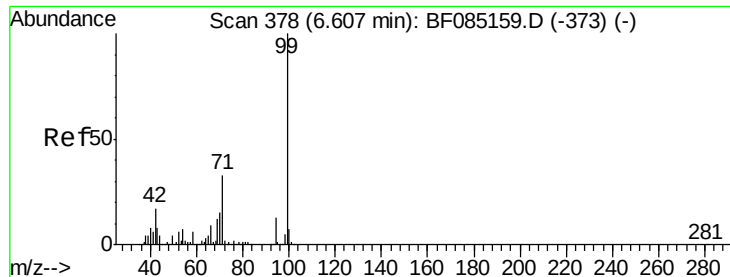
2-Fluorophenol
Concen: 114.43 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085208.D
Acq: 4 Mar 2016 17:50

Tgt Ion:112 Resp: 1186046
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 30.7 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.95 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

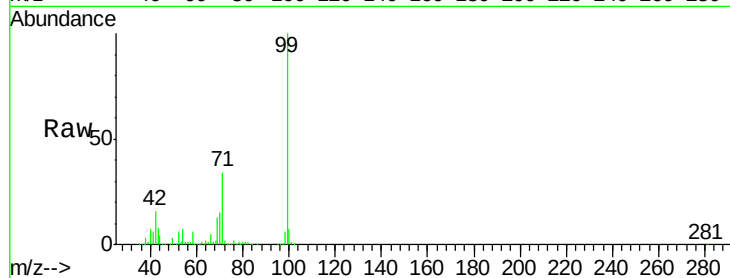
BNA_F

ClientSampleId :

PB88700BL

Tot Ion: 99 Resp: 1425167

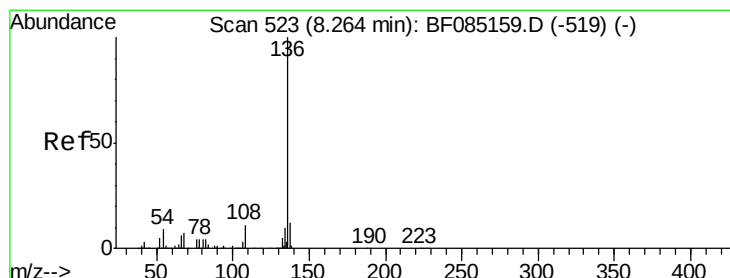
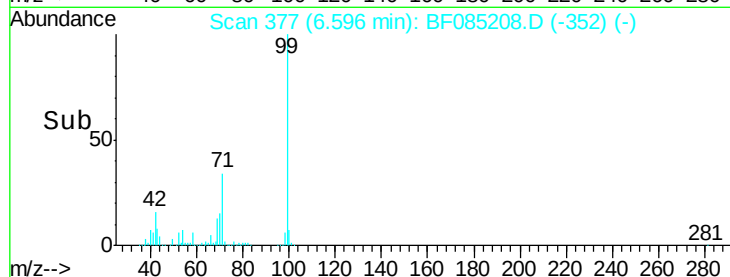
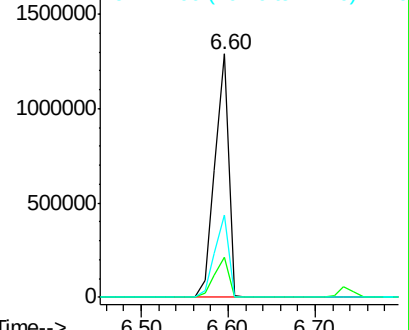
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	34.0	26.7	40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

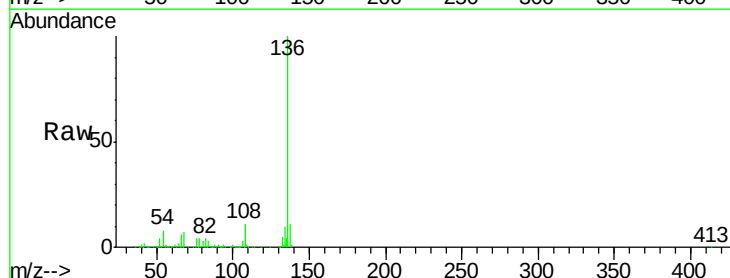
Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Tgt Ion: 136 Resp: 668050

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.3	7.4	11.2
68	6.8	6.0	9.0

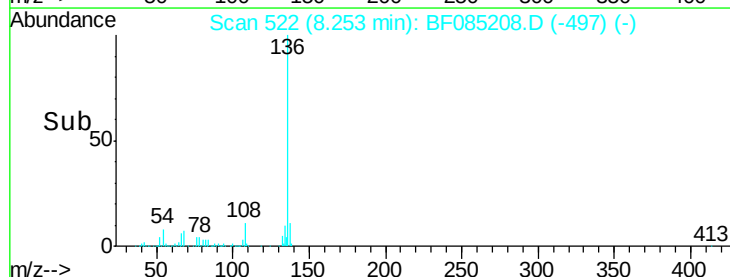
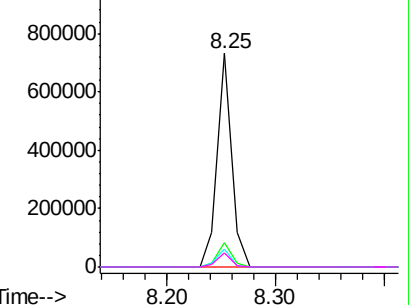


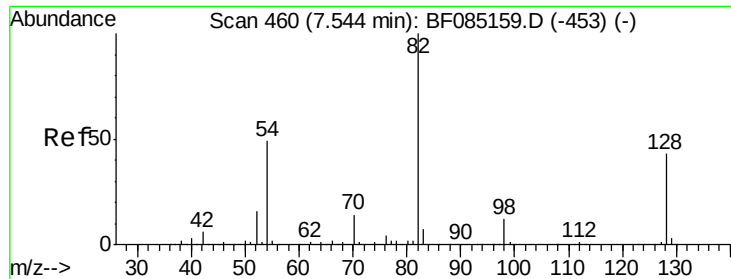
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

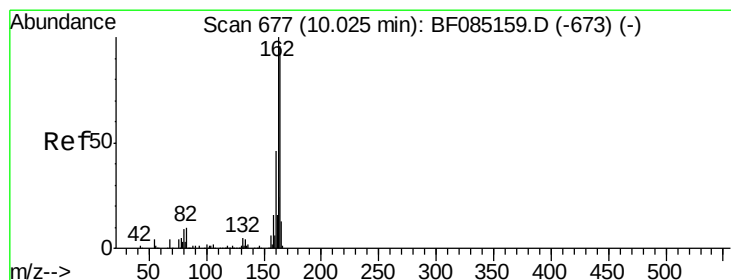
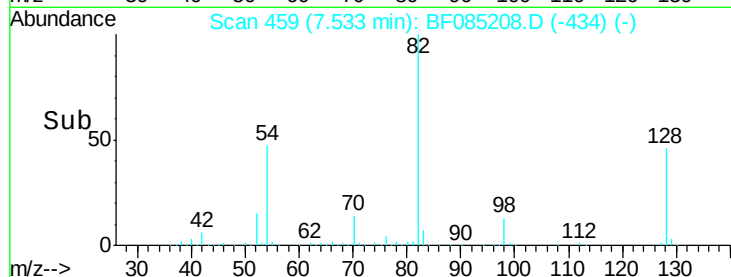
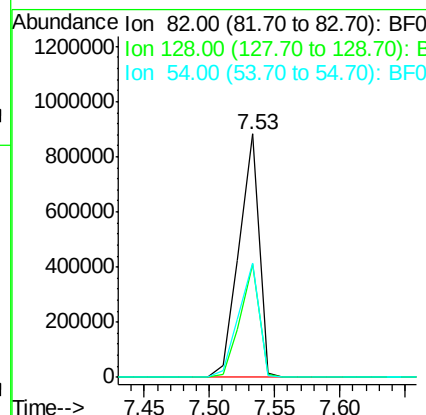
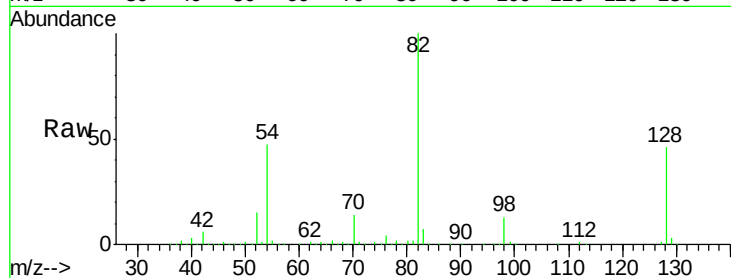




#23
 Nitrobenzene-d5
 Concen: 75.05 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

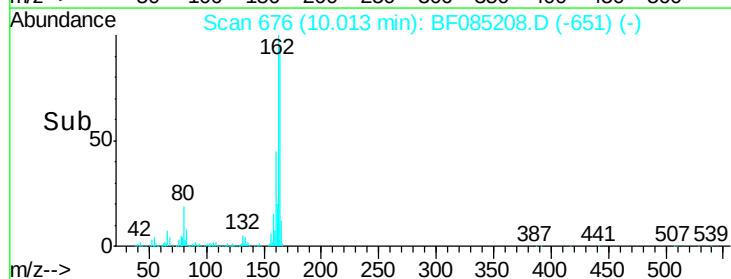
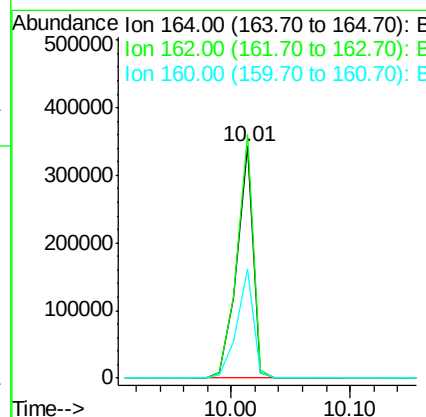
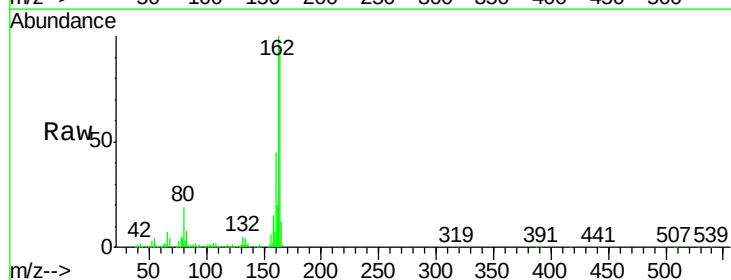
Instrument :
 BNA_F
 ClientSampleID :
 PB88700BL

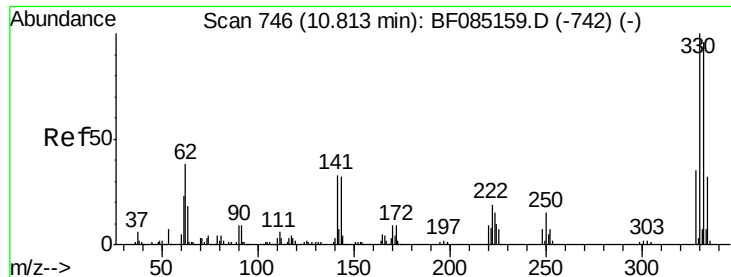
Tot Ion	82	Resp	936985
Ion Ratio	Lower	Upper	
82	100		
128	46.2	34.5	51.7
54	47.2	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

Tgt Ion	164	Resp	328701
Ion Ratio	Lower	Upper	
164	100		
162	105.0	83.3	124.9
160	46.9	37.9	56.9

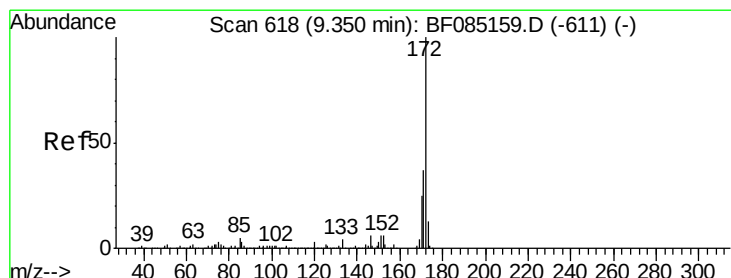
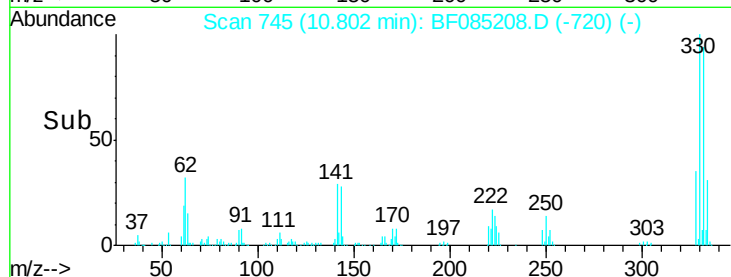
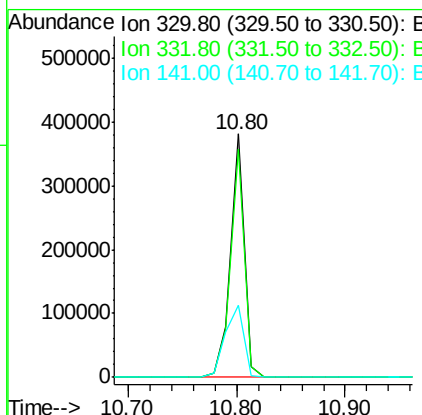
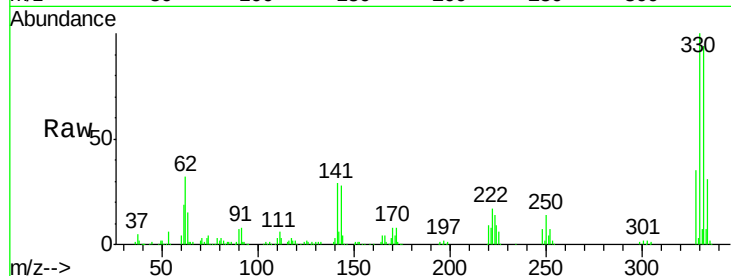




#41
 2,4,6-Tribromophenol
 Concen: 118.57 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

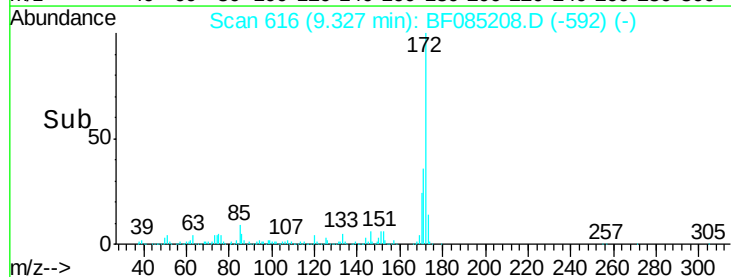
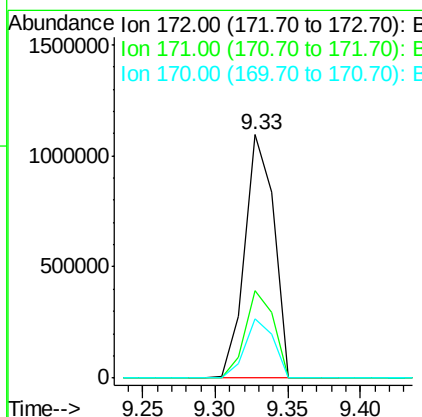
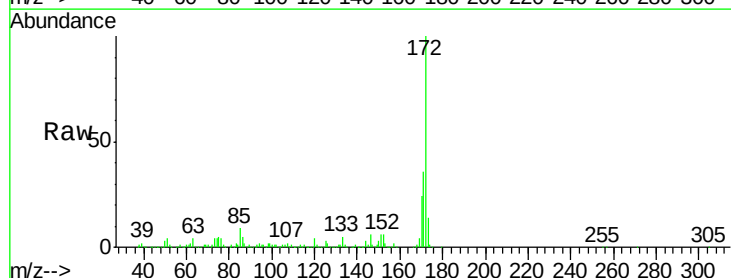
Instrument :
 BNA_F
 ClientSampleId :
 PB88700BL

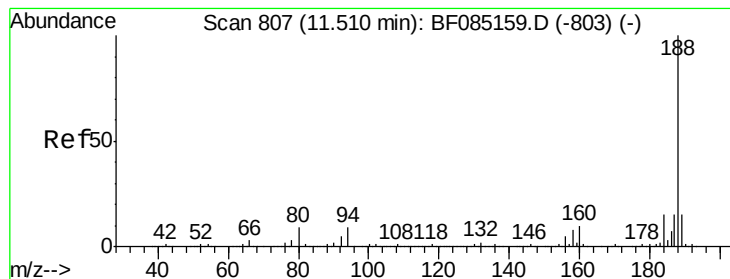
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	39.7	35.0	52.6



#44
 2-Fluorobiphenyl
 Concen: 70.48 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085208.D
 Acq: 4 Mar 2016 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.1	20.0	30.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

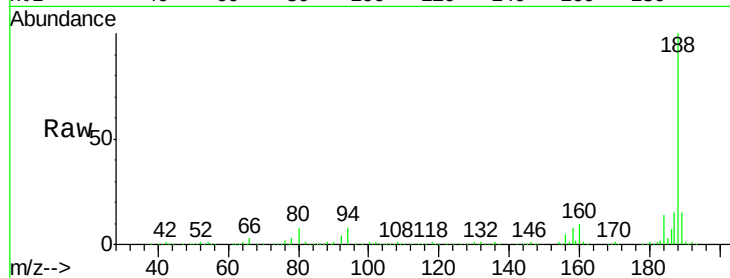
Tot Ion:188 Resp: 619644

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 8.4 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

800000

600000

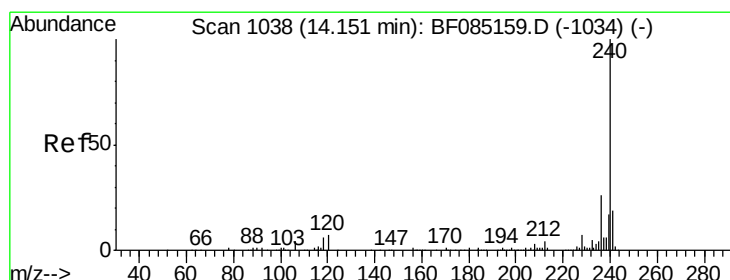
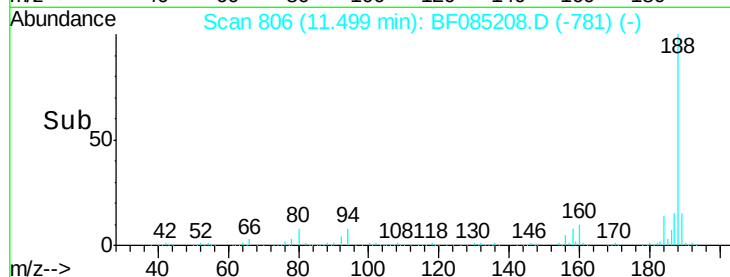
400000

200000

0

11.45 11.50 11.55

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

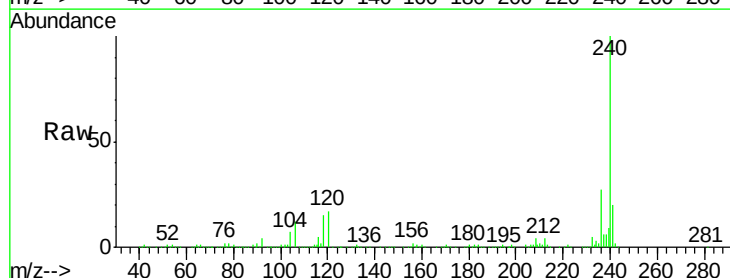
Tgt Ion:240 Resp: 430566

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

236 27.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

500000

400000

300000

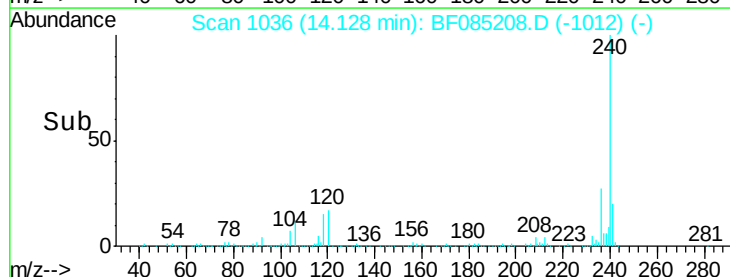
200000

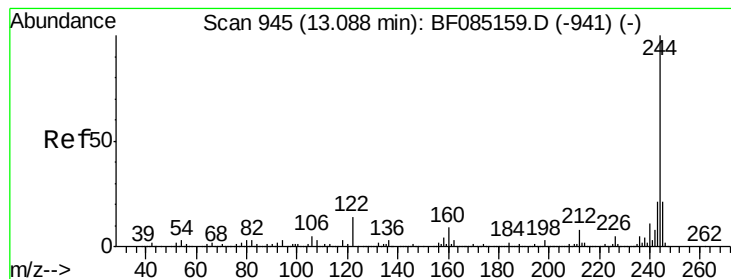
100000

0

14.10 14.13 14.20 14.30

Time-->





#78

Terphenyl-d14

Concen: 82.24 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

Instrument :

BNA_F

ClientSampleId :

PB88700BL

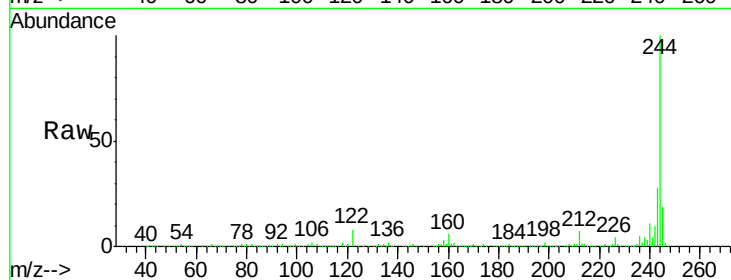
Tot Ion:244 Resp: 1525354

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

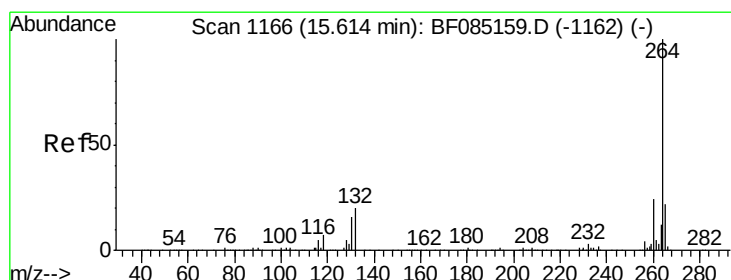
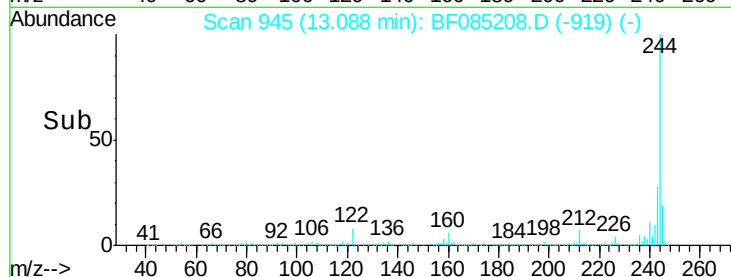
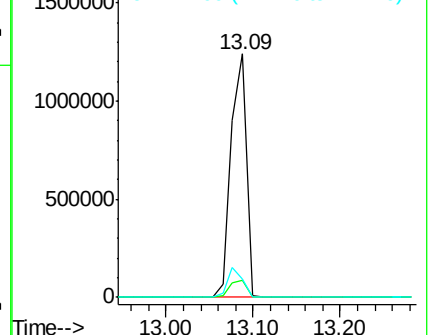
122 7.8 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085208.D

Acq: 4 Mar 2016 17:50

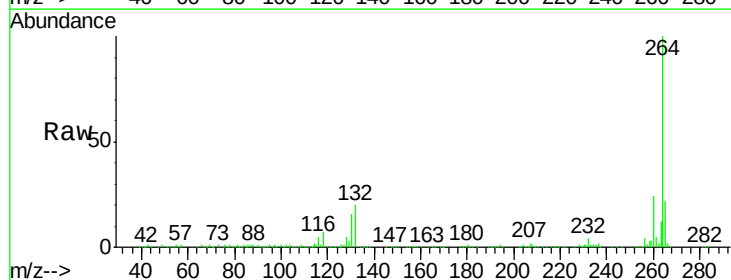
Tgt Ion:264 Resp: 310050

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

